

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3	("20030065841"   "20040133718"   "20040199719").pn.	US_PGPUB	ADJ	ON	2008/02/19 10:53
L2	13	("5850562"   "6404624"   "6687797"   "6728897"   "6732243"   "6789149"   "6868417"   "6873627"   "6920579"   "6920580"   "6934158"   "6948012"   "7127798").PN.	USPAT	ADJ	ON	2008/02/19 10:53
L3	666	(network appliance).as.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L4	16	(jbod or just a bunch of disks) and L3	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L5	1297	(jbod or just a bunch of disks)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L6	13	(convert\$3 or transform \$4) with (jbod or just a bunch of disks)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L7	6	(jbod or just a bunch of disks) same (server or storage) adj2 head	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L8	83852	(configur\$5 or reconfigur \$5 or assign\$4 or reassign\$4) near8 head	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L9	15	L8 and L5	US_PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L10	2125	((configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) near8 head and chassis)	US_PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L11	147	((configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) near8 head).ab. and chassis	US_PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L12	30	((configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) near8 head and chassis).ab.	US_PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L13	13	(convert\$4 or conversion) near4 (jbod or just a bunch of disks)	US_PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L14	666	(network appliance).as.	US_PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L15	53	L14 and (head)	US_PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L16	115611	((configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with head	US_PGPUB; USPAT; USOOCR; FFRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L17	815	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with storage near4 head	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L18	114	(assign\$4 or reassign\$4) near6 (manager or head or controller) with ownership	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L19	15	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with storage near4 head and (711/170.ccls. or 711/171.ccls. or 711/172.ccls. or 711/173.ccls.)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L20	5187	(configur\$5 or reconfigur\$5) with (ownership or assign\$4 or reassign\$4) with (storage or memory or volume)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L21	421	((configur\$5 or reconfigur\$5) with (ownership or assign\$4 or reassign\$4) with (storage or memory or volume)).ab.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L22	5267	(assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L23	4351	(711/170.ccls. or 711/171.ccls. or 711/172.ccls. or 711/173.ccls.)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L24	158	L23 and L22	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L25	28	((configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage near2 (device or memory)) .ab.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L26	12	((assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host)).ab.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L27	451	(assign\$4 or reassign\$4) near6 (manager or head or controller) with storage near2 (device or memory)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L28	3	(assign\$4 or reassign\$4) near6 (manager or head or controller) with storage near2 (device or memory) with ownership	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L29	10	(assign\$4 or reassign\$4) near6 (manager or head or controller) with ownership with storage	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L30	6	L29 not L25	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L31	0	(assign\$4 or reassign\$4) near6 (manager or head or controller) with ownership with independant	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L32	167	((configur\$5 or reconfigur\$5) near6 (ownership or assign\$4 or reassign\$4) near6 (storage or memory or volume)).ab.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L33	11	((configur\$5 or reconfigur\$5) near6 (ownership or assign\$4 or reassign\$4) near6 (storage adj2 (memory or device or volume))). ab.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L34	12	(diconnect\$3 or remov\$3 or dismount\$3) with (head or controller or manager or host or client) and (assign\$4 or reassign\$4) with ownership with (storage or volume)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L35	329	server head	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L36	37	server head with (configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L37	2	server head with ownership	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L38	7377	(assign\$4 or reassign\$4) near6 (control or management) with (storage adj2 (device or unit) or volume or lun or memory)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L39	863	((assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory)). ab.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L40	15	L23 and L39	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L41	0	((assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory))" a.b"	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L42	1558	(assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) and (client or host)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L43	194	(assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L44	32	(assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host) near4 (command or request or instruction)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L45	419	subsystem near4 chassis	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L46	3	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage with (swap\$4 or remov\$3 or replac\$3)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L47	6	((attach\$3 or connect\$3) near6 (external controller)).ab. and (711/???cls. or 714/???cls.)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L48	26	subsystem near4 chassis with (swap\$4 or remov\$3 or replac\$3)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L49	248	remote controller and (711/???cls. or 714/???cls.)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L50	18	(remote controller).ab. and (711/???cls. or 714/???cls.)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L51	1	"20020052914"	US_PGPUB	ADJ	ON	2008/02/19 10:53
L52	35	(external with redundant controller)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L53	606	(swap\$4 or remov\$3 or replac\$3) near6 (fail\$3) near6 (controller)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L54	48	subsystem with chassis with external	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L55	20	(external with secondary controller)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L56	89	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage and (swap\$4 or remov\$3 or replac\$3)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L57	5	(swap\$4 or remov\$3 or replac\$3) near6 (fail\$3) near6 (controller) with chassis	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L58	47	(external near4 redundant near4 controller)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L59	26	subsystem with single chassis	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L60	4	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage same (swap\$4 or remov\$3 or replac\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L61	9318	(external controller)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L62	237	((attach\$3 or connect\$3) near6 (external controller)).ab.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L63	1442	(attach\$3 or connect\$3) near6 (external controller)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L64	3	((attach\$3 or connect\$3) near6 (external controller)) with fail\$4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L65	0	((attach\$3 or connect\$3) near6 (external controller)).ab. with fail\$4.ab.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L66	161	ownership attribute	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L67	2	"6654902".pn.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L68	33	storage subsystem with circuit board	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L69	10	ball grid device	USPAT	ADJ	ON	2008/02/19 10:53
L70	704	(ball grid array).ti.	USPAT	ADJ	ON	2008/02/19 10:53
L71	714	remote near2 controller and (711/???.cls. or 714/???.cls.)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L72	55	storage subsystem with enclosure	USPAT	ADJ	ON	2008/02/19 10:53
L73	2	"20030120743"	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L74	33	ownership attribute near6 storage	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L75	3	ball grid arrary	USPAT	ADJ	ON	2008/02/19 10:53
L76	9837	ball grid array	USPAT	ADJ	ON	2008/02/19 10:53
L77	8	storage subsystem near4 circuit board	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L78	144	remote with redundant with controller	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L79	55	remote near6 redundant near4 controller	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L80	79	remote with redundant near4 controller	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L81	115611	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with head	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L82	666	(network appliance).as.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L83	815	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with storage near4 head	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L84	4351	(711/170.ccls. or 711/171.ccls. or 711/172.ccls. or 711/173.ccls.)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L85	114	(assign\$4 or reassign\$4) near6 (manager or head or controller) with ownership	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L86	3	(assign\$4 or reassign\$4) near6 (manager or head or controller) with storage near2 (device or memory) with ownership	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L87	167	((configur\$5 or reconfigur\$5) near6 (ownership or assign\$4 or reassign\$4) near6 (storage or memory or volume)).ab.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L88	329	server head	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L89	1558	(assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) and (client or host)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L90	5187	(configur\$5 or reconfigur\$5) with (ownership or assign\$4 or reassign\$4) with (storage or memory or volume)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L91	419	subsystem near4 chassis	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L92	9318	(external controller)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L93	237	((attach\$3 or connect\$3) near6 (external controller)).ab.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L94	3	ball grid array	USPAT	ADJ	ON	2008/02/19 10:53

L95	28	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage near2 (device or memory)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L96	10	(assign\$4 or reassign\$4) near6 (manager or head or controller) with ownership with storage	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L97	6	L96 not L95	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L98	421	((configur\$5 or reconfigur\$5) with (ownership or assign\$4 or reassign\$4) with (storage or memory or volume).ab.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L99	18	(remote controller).ab. and (711/???cls. or 714/???cls.)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L100	35	(external with redundant controller)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L101	4	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage same (swap\$4 or remov\$3 or replac\$3)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L102	10	ball grid device	USPAT	ADJ	ON	2008/02/19 10:53
L103	55	storage subsystem with enclosure	USPAT	ADJ	ON	2008/02/19 10:53
L104	5267	(assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L105	451	(assign\$4 or reassign\$4) near6 (manager or head or controller) with storage near2 (device or memory)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L106	158	L84 and L104	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L107	0	(assign\$4 or reassign\$4) near6 (manager or head or controller) with ownership with independant	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L108	7377	(assign\$4 or reassign\$4) near6 (control or management) with (storage adj2 (device or unit) or volume or lun or memory)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L109	863	((assign\$4 or reassign \$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory)).ab.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L110	0	((assign\$4 or reassign \$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory))".ab"	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L111	194	(assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L112	248	remote controller and (711/???.cls. or 714/???.cls.)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L113	606	(swap\$4 or remov\$3 or replac\$3) near6 (fail\$3) near6 (controller)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L114	0	((attach\$3 or connect\$3) near6 (external controller)).ab. with fail \$4.ab.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L115	1442	(attach\$3 or connect\$3) near6 (external controller)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L116	9837	ball grid array	USPAT	ADJ	ON	2008/02/19 10:53
L117	79	remote with redundant near4 controller	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L118	1	"20020052914"	US_PGPUB	ADJ	ON	2008/02/19 10:53
L119	2	"20030120743"	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L120	161	ownership attribute	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L121	15	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with storage near4 head and (711/170.ccls. or 711/171.ccls. or 711/172.ccls. or 711/173.ccls.)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L122	714	remote near2 controller and (711/???cls. or 714/???cls.)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L123	144	remote with redundant with controller	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L124	53	L82 and (head)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L125	11	((configur\$5 or reconfigur\$5) near6 (ownership or assign\$4 or reassign\$4) near6 (storage adj2 (memory or device or volume))). ab.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L126	12	((assign\$4 or reassign \$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host)). ab.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L127	12	(diconnect\$3 or remov \$3 or dismount\$3) with (head or controller or manager or host or client) and (assign\$4 or reassign\$4) with ownership with (storage or volume)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L128	6	((attach\$3 or connect \$3) near6 (external controller)).ab. and (711/???cls. or 714/???cls.)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L129	37	server head with (configur\$5 or reconfigur \$5 or assign\$4 or reassign\$4)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L130	32	(assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host) near4 (command or request or instruction)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L131	2	server head with ownership	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L132	15	L84 and L109	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L133	3	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage with (swap\$4 or remov\$3 or replac\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L134	26	subsystem near4 chassis with (swap\$4 or remov\$3 or replac\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L135	20	(external with secondary controller)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L136	48	subsystem with chassis with external	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L137	5	(swap\$4 or remov\$3 or replac\$3) near6 (fail\$3) near6 (controller) with chassis	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L138	89	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage and (swap\$4 or remov\$3 or replac\$3)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L139	47	(external near4 redundant near4 controller)	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L140	3	((attach\$3 or connect\$3) near6 (external controller)) with fail\$4	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L141	26	subsystem with single chassis	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L142	2	"6654902".pn.	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L143	33	ownership attribute near6 storage	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L144	8	storage subsystem near4 circuit board	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L145	55	remote near6 redundant near4 controller	US_PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L146	33	storage subsystem with circuit board	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L147	666	(network appliance).as.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L148	53	L147 and (head)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L149	15	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with storage near4 head and (711/170.ccls. or 711/171.ccls. or 711/172.ccls. or 711/173.ccls.)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L150	5267	(assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L151	4351	(711/170.ccls. or 711/171.ccls. or 711/172.ccls. or 711/173.ccls.)	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L152	158	L151 and L150	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L153	12	((assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host)).ab.	US-PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L154	3	(assign\$4 or reassign\$4) near6 (manager or head or controller) with storage near2 (device or memory) with ownership	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L155	10	(assign\$4 or reassign\$4) near6 (manager or head or controller) with ownership with storage	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L156	11	((configur\$5 or reconfigur\$5) near6 (ownership or assign\$4 or reassign\$4) near6 (storage adj2 (memory or device or volume))). ab.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L157	12	(diconnect\$3 or remov\$3 or dismount\$3) with (head or controller or manager or host or client) and (assign\$4 or reassign\$4) with ownership with (storage or volume)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L158	37	server head with (configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L159	2	server head with ownership	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L160	863	((assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory)). ab.	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L161	15	L151 and L160	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L162	32	(assign\$4 or reassign\$4) near6 (control or management) near6 (storage adj2 (device or unit) or volume or lun or memory) with (client or host) near4 (command or request or instruction)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L163	3	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage with (swap\$4 or remov\$3 or replac\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L164	6	((attach\$3 or connect\$3) near6 (external controller)).ab. and (711/????.cols. or 714/????.cols.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L165	26	subsystem near4 chassis with (swap\$4 or remov\$3 or replac\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L166	18	(remote controller).ab. and (711/????.cols. or 714/????.cols.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L167	35	(external with redundant controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L168	48	subsystem with chassis with external	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L169	20	(external with secondary controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

L170	5	(swap\$4 or remov\$3 or replac\$3) near6 (fail\$3) near6 (controller) with chassis	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L171	47	(external near4 redundant near4 controller)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L172	26	subsystem with single chassis	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L173	4	(configur\$5 or reconfigur\$5 or assign\$4 or reassign\$4) with ownership with storage same (swap\$4 or remov\$3 or replac\$3)	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L174	33	storage subsystem with circuit board	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L175	55	storage subsystem with enclosure	USPAT	ADJ	ON	2008/02/19 10:53
L176	33	ownership attribute near6 storage	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L177	8	storage subsystem near4 circuit board	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53
L178	55	remote near6 redundant near4 controller	US_PGPUB; USPAT; USOOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/02/19 10:53

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